

COMMONWEALTH OF PENNSYLVANIA



112375

DEPARTMENT OF ENVIRONMENTAL RESOURCES
407 South Cameron Street
Harrisburg, Pennsylvania 17101

September 27, 1978

Mr. Kenneth Noel
Keystone Sanitation Company
R. D. #1
Hanover, Pennsylvania 17331

RE: Identification No. 100001
Keystone Sanitary Landfill
Union Township
Adams County

Dear Mr. Noel:

The technical staff in this office has completed its review of the above referenced application for solid waste disposal permit, submitted in your behalf by Nassaux-Hemsley, Inc. on July 3, 1978. We offer the following comments:

Geology Section Review

(1) The design plan for this disposal facility specifies emplacement of soil subbase throughout the new portions of the site in order to compensate for variable, and in many areas shallow soil depth to bedrock. It should be noted however, that although some soil subbase is currently being emplaced, the amount falls short of the plan requirements. This was noted during a visit to the site on July 10, 1978. To meet the requirements of the design plan, each trench will have to be prepared and certified before it is filled with refuse.

(2) ~~Leachate contaminated groundwater from the old portions of the site will be recovered at well #3 and spray irrigated back onto the fill only on sunny days during the summer and early fall months. This seasonal application should minimize reinfiltration into the fill and runoff problems.~~

Soils Section Review

(3) The swales, drainage channels, diversions, etc., which are not riprapped should be vegetated in a manner similar to the completed landfill areas. Of the seed mixtures shown on Sheet 7-8 of the plans, only Formulas E or F should be used where concentrated runoff will flow. Proper mulch or other effective protection should be provided for erosion control until the vegetation is well established. Provisions should be made to inoculate crownvetch seed with the proper bacterial inoculant.

AR103318

September 28, 1978

General Review Comments

(4) The plans and narrative address ~~a variety of access road widths (From 15 feet to 25 feet) and construction (gravel and dirt) section 75.21 1-1 and 2~~ require access roads to be 22 feet wide for two-way traffic and/or 12 feet wide for one-way traffic. The location of all access roads servicing the facility must be shown on the design plans. The access roads must be negotiable by loaded collection vehicles during all times of the year.

(5) The narrative states that dust will be controlled by application of water. The plan should indicate what equipment is available or will be obtained for water application.

Please consider and comply with the above comments within fifteen (15) days upon receipt of this letter, provide this office with a reasonable time schedule indicating when we may expect to receive your response.

If there are any questions pertaining to the above, please contact this office.

Very truly yours,

Edward R. Simmons
Regional Solid Waste Manager

ERS:dh

cc: Wallace-Koster, Nassaux-Hemsley
Solid Waste (Central Office)
Francis Fair
File

AR103319